Contents

An $G \rightarrow Kim S-R$ Anderson $NO \rightarrow Liedl BE$ Audran $JC \rightarrow Clément C$

Barnabás B → Kovács M
Barrett SCH → Scribailo RW
Bernatzky R, Miller DD: Self-incompatibility is codominant in intraspecific hybrids of self-compatible and self-incompatible Lycopersicon peruvianum and L. hirsutum based on protein and DNA marker analysis 297

marker analysis 29/
Bernatzky R → Rivers BA
Bilang R → Leduc N
Bouharmont J → Ferrant V
Bothmer R von → Johansen B
Brace J, King GJ, Ockendon DJ: A molecular approach to the identification of
S-alleles in *Brassica oleracea* 203

Brown RC, Lemmon BE: Pollen mitosis in the slipper orchid Cypripedium fasciculatum 87

Burrus M → Clément C

Čapková V, Zbrožek J, Tupý J: Protein synthesis in tobacco pollen tubes: preferential synthesis of cell-wall 69-kDa and 66-kDa glycoproteins 57

Caporali E, Carboni A, Galli MG, Rossi G, Spada A, Marziani Longo GP: Development of male and female flower in Asparagus officinalis. Search for point of transition from hermaphroditic to unisexual developmental pathway 239

Carpadocia M → Després C Carboni A → Caporali E

Chaubal R, Reger BJ: Dynamics of antimonate-precipitated calcium and degeneration in unpollinated pearl millet synergids after maturity 122

Chaudhury AM, Lavithis M, Taylor PE, Craig S, Singh MB, Signer ER, Knox RB, Dennis ES: Genetic control of male fertility in *Arabidopsis thaliana*: structural analysis of premeiotic development mutants 17

Chavant L → Clément C
Chen F → Li YQ
Chung CS → Kuboyama T
Chung Y-Y → Kim S-R
Clément C, Chavant L, Burrus M, Audran JC: Anther starch variations in Li

ran JC: Anther starch variations in *Lilium* during pollen development 347
Craig S → Chaudhury AM
Cresti M → Li YQ

Dennis ES → Chaudhury AM
Després C, Saba-El-Leil M, Rivard SR,
Morse D, Cappadocia M: Molecular
cloning of two Solanum chacoense S-alleles and a hypothesis concerning their
evolution 169

Eijlander R, Stiekema WJ: Biological containment of potato (Solanum tuberosum): outcrossing to the related wild species black nightshade (Solanum nigrum) and bittersweet (Solanum dulcamara) 29

Eijlander R → Li YQ

Engell K: Embryology of barley. IV. Ultrastructure of the antipodal cells of Hordeum vulgare L. cv. Bomi before and after fertilization of the egg cell 333

Faleri C → Li YQ Farrell M: Chimeras for mutations induced in dormant tomato seeds 194 Ferrant V, Bouharmont J: Origin of gynogenetic embryos of *Beta vulgaris* L.

12 Finkel D → Kim S-R Fyk B → Rodkiewicz B

Galli MG → Caporali E Gerrath JM → Kitagawa J Gisel A → Leduc N Gunning BES → Webb MC

Hackauf B → Wehling P
Hamilton DA → Turcich MP
Harris PJ, Webster J, Weinhandl JA,
Stone BA: Composition of the walls of
pollen grains of the seagrass Amphibolis
antarctica 101

Harte C → Sniezko R Hinata K → Wong KC Hoekstra FA → Van Bilsen DGJL Hu SY → Sodmergen Huang B-Q → Yu H-S

Iglesias VA -> Leduc N

Johansen B, Bothmer R von: Pollen size in *Hordeum* L.: correlation between size, ploidy level, and breeding system 259

Joshi HC → Palevitz BA

Kim S-R, Finkel D, Chung Y-Y, An G: Abundance patterns of lily pollen cDNAs: characterization of three pollen-preferential cDNA clones 76 King GJ → Brace J

Kitagawa J, Posluszny U, Gerrath JM, Wolyn DJ: Developmental and morphological analyses of homeotic cytoplasmic male sterile and fertile carrot flowers 41

Knox RB → Chaudhury AM

Koyács M. Barnahás B. Kranz

Kovács M, Barnabás B, Kranz E: The isolation of viable egg cells of wheat (Triticum aestivum L.) 311 Kranz E → Kovács M

Kuboyama T, Chung CS, Takeda G: The diversity of interspecific pollen-pistil incongruity in *Nicotiana* 250 Kuroiwa T → Sodmergen

Lau T-C, Stephenson AG: Effects of soil phosphorus on pollen production, pol-

len size, pollen phosphorus content, and the ability to sire seeds in Cucurbita pepo (Cucurbitaceae) 215 Lavithis M → Chaudhury AM

Le Deunff E, Sauton A: Effect of parthenocarpy on ovule development in cucumber (*Cucumis sativus* L.) after pollination with normal and irradiated pollen 221

Leduc N, Iglesias VA, Bilang R, Gisel A, Potrykus I, Sauter C: Gene transfer to inflorescence and flower meristems using ballistic micro-targeting 135

Lemmon BE → Brown RC Li YQ, Chen F, Linskens HF, Cresti M: Distribution of unesterified and esterified pectins in cell walls of pollen tubes of flowering plants 145

of flowering plants 145
Li YQ, Faleri C, Thompson RD, Tiezzi
A, Eijlander R, Cresti M: Cytochemical
immunolocalization of the abundant
pistil protein S_{k2} in potato (Solanum tuberosum) 164

Liedl BE, Anderson NO: Statistical differentiation between self incompatibility and pseudo-self compatibility in *Petunia* hybrida Hort. using female and male coefficient of crossability 229

Linacero R, Vázquez AM: Genetic analysis of a polyembryonic mutant in rye 290

Linskens HF → Li YQ Liu B → Palevitz BA Luo YY → Sodmergen

Marziani Longo GP → Caporali E
Mascarenhas JP: Editorial 1
Mascarenhas JP → Turcich MP
Miki-Hirosige H, Nakamura S, Yasueda
H, Shida T, Takahashi Y: Immunocytochemical localization of the allergenic
proteins in the pollen of Cryptomeria
japonica 95

Miller DD → Bernatzky R Morse D → Després C

Nakamura S → Miki-Hirosige H Niitsu T → Terasaka O

Ockendon DJ -> Brace J

Palevitz BA, Liu B, Joshi HC: γ-Tubulin in tobacco pollen tubes: association with generative cell and vegetative microtubules 209

Pooler MR, Simon PW: True seed production in garlic 282
Posluszny U → Kitagawa J
Potrykus I → Leduc N

Reger BJ → Chaubal R Rivard SR → Després C Rivers BA, Bernatzky R: Protein expression of a self-compatible allele from Lycopersicon peruvianum: introgression and behavior in a self-incompatible background 357

Rodkiewicz B, Fyk B, Szczuka E: Chlorophyll and cutin in early embryogenesis in *Capsella, Arabidopsis*, and *Stellaria* investigated by fluorescence microscopy 287

Roekel T van → Van Bilsen DGJL Rossi G → Caporali E Russell SD → Yu H-S

Saba-El-Leil M → Després C
Sauter C → Leduc N
Sauton A → Le Deunff E
Scribailo RW, Barrett SCH: Effects of
prior self-pollination on outcrossed seed
set in tristylous Pontederia sagittata
(Pontederiaceae) 273
Shida T → Miki-Hirosige H

Signer ER → Chaudhury AM Simon PW → Pooler MR Singh MB → Chaudhury AM

Sniezko R, Harte C: Influence of the gene brevistylis on development of the flower in Oenothera 187

Sodmergen, Luo YY, Kuroiwa T, Hu SY: Cytoplasmic DNA apportionment and plastid differentiation during male gametophyte development in *Pelargonium zonale* 51

Spada A → Caporali E Stephenson AG → Lau T-C Stiekema WJ → Eijlander R Stone BA → Harris PJ Szczuka E → Rodkiewicz B

Takahashi Y → Miki-Hirosige H

Takeda G → Kuboyama T Taylor PE → Chaudhury AM

Terasaka O, Niitsu T: Differential roles of microtubule and actin-myosin cytoskeleton in the growth of *Pinus* pollen tubes 264

Thompson RD → Li YQ Tiezzi A → Li YQ

Tiwari SC: An intermediate-voltage electron microscopic study of freeze-substituted generative cell in pear (*Pyrus communis* L.): features with relevance to cell-cell communication between the two cells of a germinating pollen 177

Tupý J → Čapková V
Turcich MP, Mascarenhas JP: PREM-1 a
putative maize retroelement has LTR
(long terminal repeat) sequences that
are preferentially transcribed in pollen

Turcich MP, Hamilton DA, Yu X, Mascarenhas JP: Characterization of a pollen-specific gene from *Tradescantia paludosa* with an unusual cysteine grouping 201

Van Bilsen DGJL, Roekel T van, Hoekstra FA: Declining viability and lipid degradation during pollen storage 303 Vázquez AM → Linacero R

Watanabe M → Wong KC
Webb MC, Gunning BES: Embryo sac
development in *Arabidopsis thaliana*.
II. The cytoskeleton during megagametogenesis 153
Webster J → Harris PJ

Wehling P, Hackauf B, Wricke G: Phosphorylation of pollen proteins in relation to self-incompatibility in rye (Secale cereale L.) 67

Weinhandl JA → Harris PJ Wolvn DJ → Kitagawa J

Wong KC, Watanabe M, Hinata K: Protein profiles in pin and thrum floral organs of distylous Averrhoa carambola L. 107

Wong KC, Watanabe M, Hinata K: Fluorescence and scanning electron microscopic study on self-incompatibility in distylous *Averrhoa carambola* L. 116 Wricke G → Wehling P

Yasueda H → Miki-Hirosige H Yu H-S, Russell SD: Male reproductive cell development in *Nicotiana tabacum*: male germ unit associations and quantitative cytology during sperm maturation 324

Yu H-S, Huang B-Q, Russell SD: Transmission of male cytoplasm during fertilization in *Nicotiana tabacum* 313
Yu X → Turcich MP

Zbrožek J → Čapková V

13th International Congress on Sexual Plant Reproduction 1994. Frontiers in Sexual Plant Reproduction Research 363

Indexed in Science Citation Index, Current Contents/LS and AB & ES, CABS, Chemical Abstracts, BIOSIS Data

